

Notice of Allowability

Application No.

10/759,918

Applicant(s)

BAILEY, BENDRIX L.

Examiner

Art Unit

MARY STEELMAN

2191

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 06/27/2007.
2. ☒ The allowed claim(s) is/are 1-22.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

MARY STEELMAN
PRIMARY EXAMINER



DETAILED ACTION

1. Terminal Disclaimer received 06/27/2007 has been accepted and entered.

Examiner's Statement of Reasons for Allowance

2. The following is an examiner's statement of reasons for allowance:

Method, system, and apparatus claims of the instant Application (10 /759918) are a continuation of USPN 6,701,513 B1 which disclosed computer readable medium versions.

The prior art of record, US Patent 6,282,699 to Zhang et al. and US Patent 5,862,379 to Rubin et al., taken alone or in combination fails to teach such limitations in the independent claim 1 (and similarly in independent claims 11, 16, 17, 18, 19, 20, 21, and 22) as follows:

“choosing, by the user, to graphically or textually define an event handler procedure corresponding to an instantiation of a selected program object whose symbolic representation is displayed in the designer window;

if the user chooses to graphically define the event handler procedure, performing the steps:

graphically defining the event handler procedure for the instantiation of the selected program object displayed in the designer window;

incorporating the graphically defined event handler procedure into the application program; and

if the user chooses to textually define the event handler procedure, performing the steps:

textually defining, within a code window displayed on the computer screen, the event handler procedure for the instantiation of the selected program object displayed in the designer window, the code window being configured to accept textual inputs from the user; and

incorporating the textually defined event handler procedure into the application program.”

All independent claims, in some variation, provide for graphical inputs / graphically generating an event handler, plus textual inputs, to define or modify event handler procedures, and incorporating the graphical and textual event handler procedures into an application program.

Neither Zhang nor Rubin disclosed generating / creating an application program that includes graphically defining an event handler procedure and textually defining an event handler, whereby the visual programming system and the graphical designer system cooperate to

incorporate the instantiations of the program objects and the event handler procedures as recited in independent claims.

Thus all remaining dependent claims, claims 2-10 and 12-15, are allowed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Examiner's Amendment

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended to fill in the blank lines of the Specification, page 1. At page 1, before line 4, please insert the patent numbers into the paragraph.

This application is a continuation of U.S. patent application Serial No. 09/483,123 filed January 14, 2000, entitled A PROGRAM-DEVELOPMENT ENVIRONMENT FOR USE IN GENERATING APPLICATION PROGRAMS, now U.S. Patent No. 6,701,513. The entirety of said US Patent No. 6,701,513 is hereby incorporated by reference.

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mary Steelman, whose telephone number is (571) 272-3704. The examiner can normally be reached Monday through Thursday, from 7:00 AM to 5:30 PM. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wei Zhen can be reached at (571) 272-3708. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Any inquiry of a general nature or relating to the status of this application should be directed to the TC 2100 Group receptionist: 571-272-2100.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Mary Steelman

09/13/2007

**MARY STEELMAN
PRIMARY EXAMINER**
